



Attorney Docket No. PP01618.003  
2300-1618  
PATENT

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By: \_\_\_\_\_

Anne Currier Carr

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

HOUGHTON et al.

Examiner: M. Hill

Serial No.: 09/728,423

Art Unit: 1648

Filed: December 1, 2000

Confirmation No.: 3253

For: ELICITING HCV-SPECIFIC ANTIBODIES

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

### INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97(c)

Sir:

In accordance with the duty of disclosure set forth in 37 C.F.R. §1.56,  
Applicant(s) hereby submits the following information in conformance with 37  
C.F.R. §§1.97 and 1.98.

- ☒ Pursuant to 37 C.F.R. §1.98, a copy of only document number "CA" cited in the attached Form PTO/SB/08B is enclosed.
- ☐ No copies of the publications listed on the attached Form PTO/SB/08A are being provided pursuant to 37 C.F.R. §1.98(d) because the publications were previously cited by or submitted to the Office in prior Application Serial No. \_\_\_ to which the above-identified application claims priority under 35 U.S.C. §120.

12/20/2005 MAHNE1 00000012 09728423

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- ☐ Publication(s) \_\_\_\_\_ listed on the attached Form PTO/SB/08A were cited in a foreign search or examination report corresponding to \_\_\_\_ application serial no. \_\_\_\_\_ and mailed on \_\_\_\_\_.

**This Information Disclosure Statement is filed after the period specified in 37 C.F.R. § 1.97(b), but before the mailing of:**

- ☒ **a final action under 37 C.F.R. § 1.113;**  
☐ a notice of allowance under 37 C.F.R. § 1.113; or  
☐ an action that otherwise closes prosecution in this application.

**In accordance with 37 C.F.R. § 1.97(c) also enclosed is:**

- ☒ **Fee under 37 C.F.R. § 1.17(p) in the amount of \$180.00; or**  
☐ Statement as specified in 37 C.F.R. § 1.97(e):  
☐ Each item of information contained in the Information Disclosure Statement cited herein was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing date of the Information Disclosure Statement; or  
☐ No item of information contained in the Information Disclosure Statement submitted herewith was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, having made a reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing date of the Information Disclosure Statement.

**It is respectfully requested that the Examiner consider the above-noted information and return an initialed copy of the attached Form PTO/SB/08A to the undersigned.**

Dated: December 15, 2005

Respectfully submitted,

Robins & Pasternak LLP  
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Palo Alto, CA 94303  
Tel: (650) 493-3400 / Fax: (650) 493-3440

By:

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Jenny Buchinder  
Reg. No. 48,588



PTO/SB/08A (08-03)

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<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			<b>Complete if Known</b>		
			Application Number	09/728,423	
			Filing Date	December 1, 2000	
			First Named Inventor	MICHAEL HOUGHTON et al.	
			Art Unit	1648	
			Examiner Name	M. Hill	
Sheet	1	of	2	Attorney Docket Number	PP01618.003 (2300-1618)

U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code <sup>2</sup> (if known)			
	AA	US 5,350,671	09/27/1994	Houghton et al.	
	AB	US 6,521,423	02/18/2003	Houghton et al.	
	AC				
	AD				
	AE				
	AF				
	AG				
	AH				
	AI				
	AJ				
	AK				
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FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	BA							<input type="checkbox"/>
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	BL							<input type="checkbox"/>

Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449B/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				<i>Application Number</i>	09/728,423
				<i>Filing Date</i>	December 1, 2000
				<i>First Named Inventor</i>	MICHAEL HOUGHTON et al.
				<i>Art Unit</i>	1648
				<i>Examiner Name</i>	M. Hill
(use as many sheets as necessary)				<i>Attorney Docket Number</i>	PP01618.003 (2300-1618)
Sheet	2	of	2		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA	Heile, et al., "Evaluation of hepatitis C virus glycoprotein E2 for vaccine design: an endoplasmic reticulum-retained recombinant protein is superior to secreted recombinant protein and DNA-based vaccine candidates," J Virol. 2000 Aug; 74(15):6885-92.	
	CB		
	CC		
	CD		
	CE		
	CF		
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	CH		
	CI		
	CJ		
	CK		

Examiner Signature		Date Considered	
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\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.